

CLAIMS

We claim:

1. A saw blade for a reciprocating power saw, comprising:

a flat, elongated mounting arm having a saw mounting end adapted for attachment to the reciprocating saw and having a second end;

a flat, elongated connector arm having a first end attached to the second end of the mounting arm, the connector arm and the mounting arm forming a dihedral angle of about 90° ; and

a flat, elongated cutting blade having a first end connected to the second end of the connector arm and having a second end, the cutting blade having a first cutting edge defined by a plurality of teeth, the cutting blade and the connector arm forming a dihedral angle of about 90° , the cutting blade and the mounting arm being parallel to each other and extending in opposite directions from the connector arm;

whereby the cutting blade is capable of being placed flush against one surface of a 90° corner in order to cut around the corner, the cutting blade being offset from the mounting arm by a distance substantially equal to the length of the connector arm.

2. The saw blade according to claim 1, wherein said cutting blade includes a second a cutting edge defined by a plurality of

3 teeth, said second cutting edge being located on the edge opposite
4 the first cutting edge.

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1 3. The saw blade according to claim 1, further comprising a first
2 stabilizer attached to said mounting arm and said connector arm.

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1 3. The saw blade according to claim 2, wherein said first
2 stabilizer is a gusset plate.

1 4. The saw blade according to claim 1, further comprising a
2 second stabilizer attached to said connector arm and cutting
3 plate.

1 5. The saw blade according to claim 4, further comprising a
2 reinforcing rib attached to a side of said cutting blade opposite
3 to said gusset plate.

1 6. The saw blade according to claim 4, wherein said second
2 stabilizer is a gusset plate.

1 7. The saw blade according to claim 4, further comprising a first
2 stabilizer attached to said mounting arm and said connector arm.

1 8. The saw blade according to claim 7, wherein said first
2 stabilizer is a gusset plate.

1 9. The saw blade according to claim 8, wherein said gusset
2 plates are located in a transversely centrally aligned position
3 within said connector plate.

4 10. In combination, a saw blade and a reciprocating power saw,
5 comprising:

6 a flat, elongated mounting arm having a saw mounting end
7 adapted for attachment to said reciprocating saw and having a
8 second end;

9 a flat, elongated connector arm having a first end attached
10 to the second end of the mounting arm, the connector arm and the
11 mounting arm forming a dihedral angle of about 90°; and

12 a flat, elongated cutting blade having a first end connected
13 to the second end of the connector arm and having a second end,
14 the cutting blade having a cutting edge defined by a plurality of
15 teeth, the cutting blade and the connector arm forming a dihedral
16 angle of about 90°, the cutting blade and the mounting arm being
17 parallel to each other and extending in opposite directions from
18 the connector arm;

19 whereby the cutting blade is capable of being placed flush
20 against one surface of a 90° corner in order to cut around the
21 corner, the cutting blade being offset from the mounting arm by a
22 distance substantially equal to the length of the connector arm.

1 11. The combination according to claim 10, wherein said cutting
2 blade includes a second a cutting edge defined by a plurality of
3 teeth, said second cutting edge being located on the edge opposite
4 the first cutting edge.

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1 12. The combination according to claim 10, further comprising a
2 first stabilizer attached to said mounting arm and said connector
3 arm.

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1 13. The combination according to claim 12, wherein said first
2 stabilizer is a gusset plate.

1 14. The combination according to claim 10, further comprising a
2 second stabilizer attached to said connector arm and cutting
3 plate.

1 15. The combination according to claim 14, further comprising a
2 reinforcing rib attached to a side of said cutting blade opposite
3 to said gusset plate.

1 16. The combination according to claim 14, wherein said second
2 stabilizer is a gusset plate.

1 17. The combination according to claim 14, further comprising a
2 first stabilizer attached to said mounting arm and said connector
3 arm.

1 18. The combination according to claim 17, wherein said first
2 stabilizer is a gusset plate.

1 19. The combination according to claim 18, wherein said gusset
2 plates are located in a transversely centrally aligned position
3 within said connector plate.

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